CS2024 FALL 2023 COURSE SCHEDULE
(as of 9/4/23, subject to change)

Tuesdays and Thursdays, 12:20PM – 1:10PM (110 Hollister Hall)
Ron DiNapoli, Lecturer

DATE	DESCRIPTION	NOTES
PART I: CLASSIC C++		
Tuesday, 8/22	Lecture #1 – Introduction to C++ Syntax	
Thursday, 8/24	Lecture #2 – Control Statements Assignment #1 given (due 8/30)	
Tuesday, 8/29	Lecture #3—Functions	
Thursday, 8/31	Lecture #4—More Functions/Intro to Classic Arrays Assignment #2 given (due 9/6)	
Tuesday, 9/5	Lecture #5 – Classes, Part I	
Thursday, 9/7	Lecture #6—Pointers and Classic Arrays Assignment #3 given (due 9/13)	
Tuesday, 9/12	Lecture #7—C/C++ Strings, Intro to STL: Vectors	
Thursday, 9/14	Lecture #8—Classes, Part II Assignment #4 given (due 9/20)	
Tuesday, 9/19	Lecture #9—Operator Overloads	
Thursday, 9/21	Catchup Day (no new lecture material) Assignment #5 given (due 9/27)	
Tuesday, 9/26	Lecture #10—Inheritance	
Thursday, 9/28	Lecture #11—Polymorphism Assignment #6 given (due 10/4)	
Tuesday, 10/3	Lecture #12—Exceptions	
Thursday, 10/5	Prelim #1 (Lectures #1-#11)	*In class*
Tuesday, 10/10	*Fall Break*	*No class*
PART II: MODERN C++		
Thursday, 10/12	Prelim Review, Homework 6 Hints Assignment #7 given (due 10/18)	
Tuesday, 10/17	Lecture #13—Basic Stuff in C++11 That Makes our Lives Easier!	
Thursday, 10/19	Lecture #14—Function Pointers and Lambdas Assignment #8 given (due 10/25)	
Tuesday, 10/24	Lecture #15— Standard Template Library I	
Thursday, 10/26	Lecture #16— Custom Template Classes Assignment #9 given (due 11/1)	
Tuesday, 10/31	Lecture #17— Smart Pointers	
Thursday, 11/2	Lecture #18— Casting and STL Algorithms	

	Assignment #10 given (due 11/8)	
Tuesday, 11/7	Lecture #19—lvalue and rvalue references, Move Semantics	
Thursday, 11/9	Lecture #20— Stream I/O and Files Assignment #11 given (due 11/15)	
Tuesday, 11/14	Lecture #21—More on Standard Template Library	
Thursday, 11/16	Lecture #22—Bitwise Operations, More on Streams Assignment #12 given (due 12/1)	
Tuesday, 11/21	Lecture #23 – Multiple Inheritance	
Thursday, 11/23	*Thanksgiving Break*	*No class*
Tuesday, 11/28	Prelim #2 (Lectures #12 - #23)	*In class*
Thursday, 11/30	Prelim #2 Review, Final Thoughts	

CONTACT INFORMATION

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Office Hours: Ron: Tuesdays, 4:30PM - 6:00PM, 331 Gates Hall
                       Ron: Wednesdays, 5:00PM - 6:00PM, 331 Gates Hall
                       Alec: Tuesdays, 5:45PM – 7:15PM, 574 Rhodes Hall
                       Alec: Thursdays, 5:45PM – 7:15PM, 574 Rhodes Hall
                       Logan: Mondays, 1:15PM – 3:15PM, 408 Rhodes Hall
                       Alex: Mondays, 5:00PM – 6:00PM, Rhodes 402

Course Web Site: http://www.cs.cornell.edu/courses/cs2024/2023fa (info)
CMS: https://cmsx.cs.cornell.edu
Canvas: https://canvas.cornell.edu

Book: *No book required this semester*